

Title (en)
INGESTIBLE DEVICE

Title (de)
EINNEHMBARE VORRICHTUNG

Title (fr)
DISPOSITIF INGERABLE

Publication
EP 1359845 A2 20031112 (EN)

Application
EP 02716285 A 20020122

Priority
• IL 0200057 W 20020122
• US 76531601 A 20010122
• US 28523301 P 20010423

Abstract (en)
[origin: WO02058531A2] An ingestible device, adapted to travel in the gastrointestinal tract and perform a diagnostic image of tissue therein, is provided. The diagnostic image may comprise diagnostic information as a function of time, or diagnostic information as a function of distance traveled within the gastrointestinal tract. Specifically, the ingestible device may be arranged to perform a diagnostic image of nuclear radiation of a radiopharmaceutical, scintillation of a scintillation liquid, responsive to nuclear radiation of a radiopharmaceutical, optical fluorescence of a fluorescing-pharmaceutical or of bare gastrointestinal-tract tissue, infrared radiation of the gastrointestinal-tract tissue, temperature-differences along the gastrointestinal-tract, impedance, ultrasound reflection, magnetic resonance, and a combination thereof. The ingestible device may be adapted for general screening of a large population, on the one hand, and for specific diagnoses of suspected pathologies, on the other.
[origin: WO02058531A2] An ingestible device (12), adapted to travel in the gastrointestinal tract (14) and perform a diagnostic image of tissue therein, is provided. The diagnostic image may comprise diagnostic information as a function of time, or diagnostic information as a function of distance traveled within the gastrointestinal tract (14). Specially, the ingestible device (12) may be arranged to perform a diagnostic image of nuclear radiation (81) of a radiopharmaceutical, scintillation of a scintillation liquid (94), responsive to nuclear radiation (81) of a radiopharmaceutical, optical fluorescence of a fluorescing-pharmaceutical or of bare gastrointestinal-tract tissue, infrared radiation of the gastrointestinal-tract tissue, temperature-differences along the gastrointestinal-tract, impedance, ultrasound reflection, magnetic resonance, and a combination thereof. The ingestible device (12) may be adapted for general screening of a large population, on the one hand, and for specific diagnoses of suspected pathologies, on the other.

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IPC 8 full level
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CPC (source: EP US)
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